



Cypress Semiconductor Corporation – An Infineon Technologies Company
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PRODUCT CHANGE NOTIFICATION

PCN:PCN212101

Date: May 27, 2021

Subject: Qualification of Fab 25 as an Additional Wafer Fab Site, Marketing Part Number Change for Select Automotive MCU Products

Change Type: Major

Description of Change:

Cypress announces the qualification of Fab 25 (5204 East Ben White Boulevard, Austin, TX 78741, USA) as an additional wafer fab site and marketing part number change for select CU60F (0.35um) automotive MCU products. The current products are fabricated at ON Semiconductor Aizu Co., Ltd.

Changes	Current	New
Wafer Fab Site	ON Semiconductor Aizu Co., Ltd, Japan	Fab 25, USA

Benefit of Change:

Qualification of alternate manufacturing sites is part of the ongoing flexible manufacturing initiative announced by Cypress. The goal of the flexible manufacturing initiative is to provide the means for Cypress to continue to meet delivery commitments through dynamic, changing market conditions.

Part Numbers Affected: 10

See the attached 'Affected Parts List' file for a list of all part numbers affected by this change. Note that any new parts that are introduced after the publication of this PCN will include all changes outlined in this PCN.

Qualification Status:

These products have been qualified through a series of tests documented in the Qualification Test Plans summarized in the table below. These qualification reports can be found as attachments to this PCN.

QTP Number	Qualification
201609	Qualify the combination of ATJ Usuki/LQFP package with Fab25_CU60F (0.35um technology) Automotive products.
201610	CU60F Fab transfer to FAB25 from OSA
203301	QTP of ATJ Usuki standard material LQFP package using Fab25 wafer.
202050003	Qualify the combination of ATJ Usuki/QFP package with Fab25_CU60F (0.35um technology) Automotive products.

Sample Status:

Qualification samples may not be built ahead of time for all part numbers affected by this change. Please review the attached 'Affected Parts List' file for a list of affected part numbers with their associated Fab 25 sample ordering part numbers. Samples are available now unless there is an indication that the sample ordering part numbers are subject to lead times. If you require qualification samples, please contact your local Cypress sales representative as soon as possible, preferably within 30 days of the date of this PCN, to place any sample orders.

Approximate Implementation Date:

Effective 90 days from the date of this notification or upon customer approval, whichever comes first, all shipments of Commercial, Industrial and Automotive non-PPAP part numbers in the attached file will be supplied from Fab 25 or other approved wafer fabrication sites.

For Automotive PPAP part numbers this change will be effective upon customer approval.

Anticipated Impact:

Products fabricated at the new site are completely compatible with existing products from form, fit, functional, parametric and quality performance perspectives.

Cypress also recommends that customers take this opportunity to review these changes against current application notes, system design considerations and customer environment conditions to assess impact (if any) to their application.

Method of Identification:

Cypress maintains traceability of product to wafer level, including wafer fabrication location, through the lot number marked on the package.

Response Required:

No response is required.

For additional information regarding this change, contact your local sales representative or contact the PCN Administrator at pcn_adm@cypress.com.

Sincerely,

Cypress PCN Administration



On 16 April 2020, Infineon Technologies acquired Cypress. We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance. For further details, please visit our website: <https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

Item	Marketing Part Number	New Part Number	Last Time Buy Date	Last Time Ship Date
1	370011602	Contact Sales	Upon customer approval	Upon customer approval
2	370014321	Contact Sales	Upon customer approval	Upon customer approval
3	370015736	Contact Sales	Upon customer approval	Upon customer approval
4	CY90F345CAPFR-GS-SPE1	CY90F345CAPFR-GS-UJE1	09-Feb-22	07-Nov-22
5	CY90F345CASPFR-GS-SPE1	CY90F345CASPFR-GS-UJE1	09-Feb-22	07-Nov-22
6	CY90F351ESPMC-GSE1	CY90F351ESPMC-GS-UJE1	09-Feb-22	07-Nov-22
7	CY90F351ESPMCR-GSE1	CY90F351ESPMCR-GS-UJE1	09-Feb-22	07-Nov-22
8	CY90F352ESPMC1-GSE1	CY90F352ESPMC1-GS-UJE1	09-Feb-22	07-Nov-22
9	CY90F352ESPMC-GSE2	CY90F352ESPMC-GS-UJE2	09-Feb-22	07-Nov-22
10	CY90F352ESPMC-GS-ERE2	CY90F352ESPMC-GS-UJERE2	09-Feb-22	07-Nov-22